

Abstract of Disclosure

[0046] There is provided an apparatus and method for propelling the corresponding Billiard, or Snooker Cue Ball over another object ball of similar size and shape. Consisting of a cue stick of any legal size, a operator to provide the jump shot stroke, and the jump shot apparatus. Using the *cue stick, the operator provides the power, skill, and knowledge, and the apparatus provides the mechanism.* Together, they combine the shot making attributes required to complete a legal jump shot with consistency, stability, and mobilization on the playing surface.

Figures

DRAWINGS

(Jump Bridge Assemblies)

- FIG. 1 Jump Bridge - Front and Rear Stand Assembly – Bridgehead UP and DOWN view
FIG. 2 Jump Bridge - Front and Rear Stand Assembly – Bridgehead LEFT and RIGHT view.
FIG. 3 Jump Bridge – Front Stand Assembly and Rear Stand Assembly - Side View.
FIG. 4 Front Bridge Stand - Frontal View, Locking Ring, Interchangeable Leg Extenders.
FIG. 5A Bridgehead Front - UP and DOWN configuration as viewed from top.
FIG. 5B Bridgehead Back - UP and DOWN configuration as viewed from top.
FIG. 5C Bridgehead Front – LEFT and RIGHT configuration as viewed from top.
FIG. 5D Bridgehead Back – LEFT and RIGHT configuration as viewed from top.
FIG. 6A Cue Stick Aperture Cylinder and Aperture Seal - Side View.
FIG. 6B Aperture Seal - View from Top.
FIG. 6C Cue Stick Aperture Cylinder - View from Top.
FIG. 7A Cue Stick Practice Collar Assembly - Open Side View.
FIG. 7B Cue Stick Practice Collar Assembly - View from Top.
FIG. 7C Cue Stick Practice Collar Assembly - Assembled to Cue Stick.
FIG. 8A Complete Assembly - Bridgehead movement UP and DOWN, and Visual Aiming Line as view from Top.
FIG. 8B Complete Assembly - Bridgehead movement LEFT and RIGHT, and Visual Aiming Line as view from Top.
FIG. 9 Complete (LEFT and RIGHT) Assembly with Attachments and Collar Assembly.
FIG. 10 Complete (UP and DOWN) Assembly with Attachments and Collar Assembly.
FIG. 11 Bridgehead Assemblies adapted for mounting with pool stick components.
FIG. 12 Multiple Aiming Channel Bridgehead with rotating and locking Assembly.

Part Numbers and Descriptions

- | <u>No</u> | <u>Description</u> |
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| 18. | Visual Aiming Line |
| 19-LR | Aperture Mounting Hole – Bridgehead LEFT and RIGHT movement. |
| 19-UD | Aperture Mounting Hole – Bridgehead UP and DOWN movement. |
| 20-LR | Aiming Channel [bridgehead LEFT and RIGHT movement] |
| 20-UD | Aiming Channel [bridgehead UP and DOWN movement] |
| 21. | Cue Stick Aperture Cylinder |
| 22. | Aperture Seal |
| 23. | Front Bridgehead |
| 24. | Rear Bridgehead |
| 25. | Bolt W/threaded End |
| 26. | Wing Nut |
| 27. | Mounting Hole for Triangle Foot Pad at rear of Front Handle |
| 28. | Threaded top end of Front Handle |
| 29. | Front Bridge Stand |
| 30. | Front Bridge Stand Cushioned Foot Pads (2) |

31. Front Bridge Stand Locking Ring
32. Front Handle
33. Angle Position 1 (AP1)
34. Angle Position 2 (AP2)
35. Angle Position 3 (AP3)
36. Angle Position 4 (AP4)
37. Angle Position 4 (AP4)
38. Triangle Foot Pad - Rear end of Front Handle
39. Spring Loaded Locking Button
40. Rear Stand Assembly Tube
41. Ring Nut Bolt
42. Rear Stand Butt Pad
43. Rear Stand Elevation Tube
44. Foot Pad Bottom - Elevation Tube
45. Foot Pad Top - Elevation Tube
46. Height Elevation Position 1 (HP1)
47. Height Elevation Position 2 (HP2)
48. Height Elevation Position 3 (HP3)
49. Height Elevation Position 4 (HP4)
50. Height Elevation Position 5 (HP5)
51. Metal Collar - Practice Collar
52. Cue Stick Seal Protector
53. Collar Tighter Assembly
54. Cue Stick Shaft Location
55. Table Surface
56. Cue Tip
57. Cue Stick Seal Protector Bumper
58. Front Stand Foot Pads Mounting Slots (2)
59. Drilled and Tapped Hole for Rear Stand/Height Elevation Wing Nut
60. Bridgehead Bolt Hole - Attaches Front and Rear components together
- 61-LR Aiming Channel [*bridgehead left and right movement*]
- 61-UD Aiming Channel [*bridgehead up and down movement*]
62. Front Bridgehead Right Turn Stop
63. Front Bridgehead Left Turn Stop
64. Rear Bridge Stand Back Support - Opposite side of Ring Nut
65. Threaded Receiver for Threaded Front Handle
66. *Mounting Hole for Threaded Bushing Assembly*
67. Mounting hole for Front Stand Assembly
68. Ball Clearance Archway
69. Through Hole Mounting for Rear Elevation Tube
70. Drilled Hole for Bottom Foot Pad (44)
71. Drilled Hole for Top Foot Pad (45)
72. *Locking Ring Mounting Threads*
73. Cue Stick mounted in Cue Stick Aperture Cylinder at 45 degree angle
74. Rear Stand mounting hole (2) for spring loaded locking buttons (39)
75. Adjustable Height Extenders